

Fig. 1

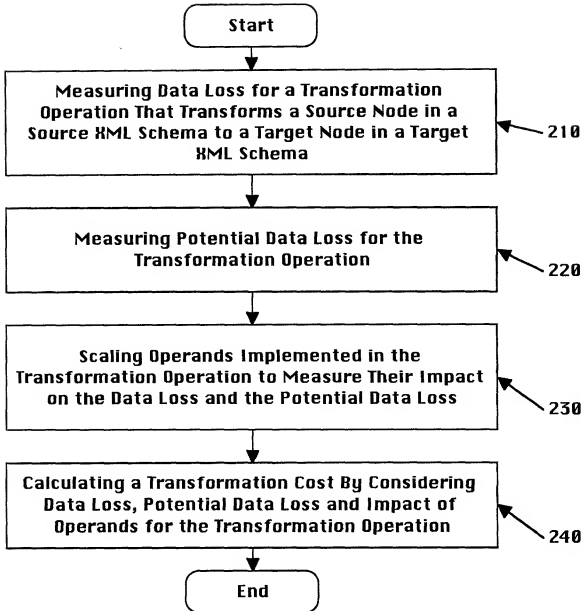


Fig. 2

300

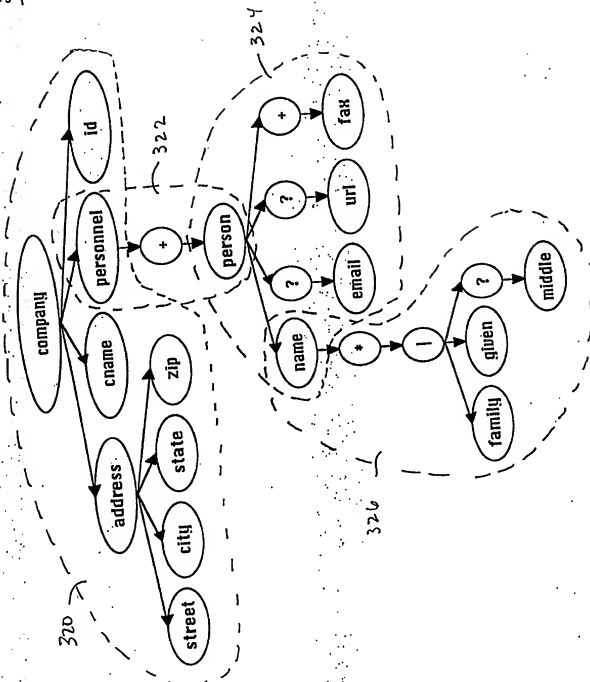


Fig. 3a

350

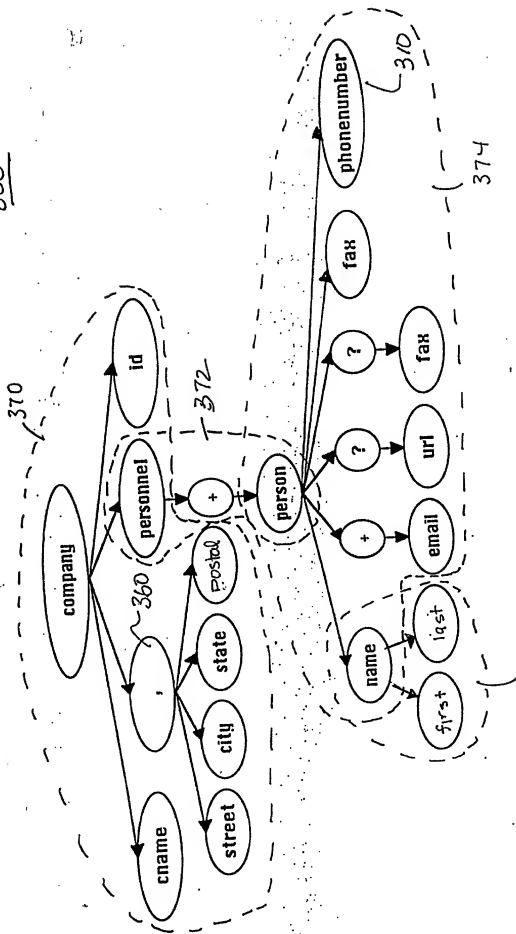


Fig. 3b

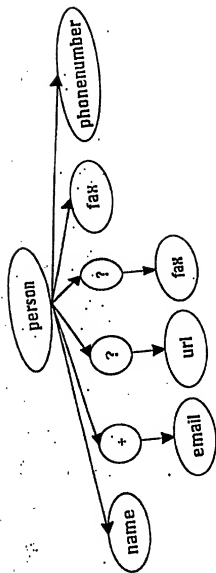


Fig. 4a

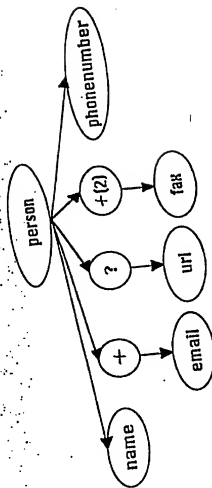


Fig. 4b

326

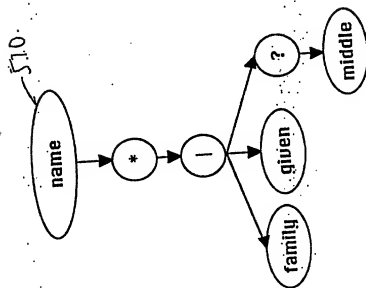


Fig. 5a

526b

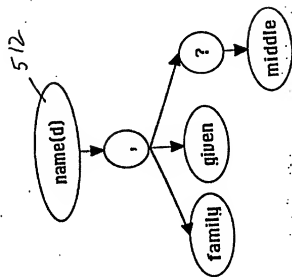


Fig. 5b

526c

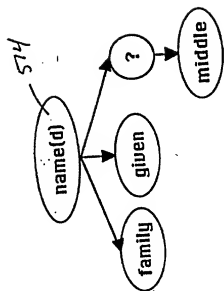
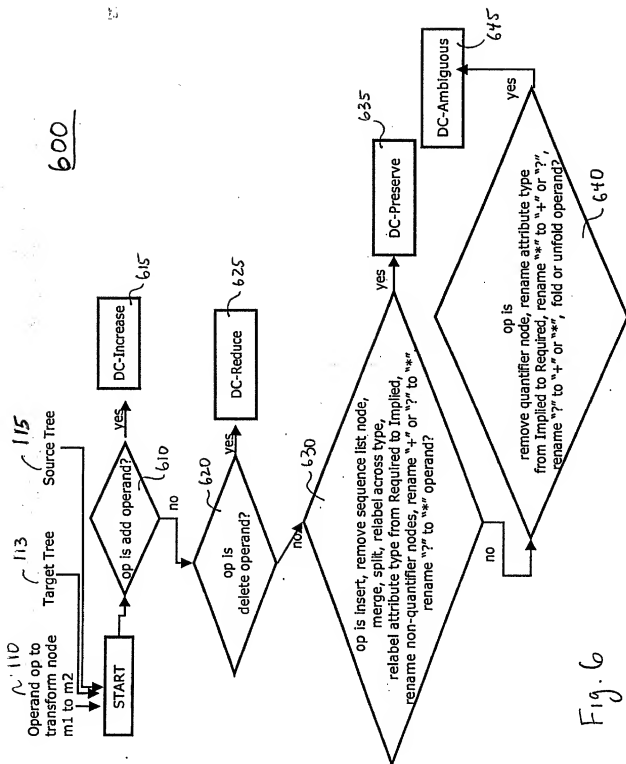
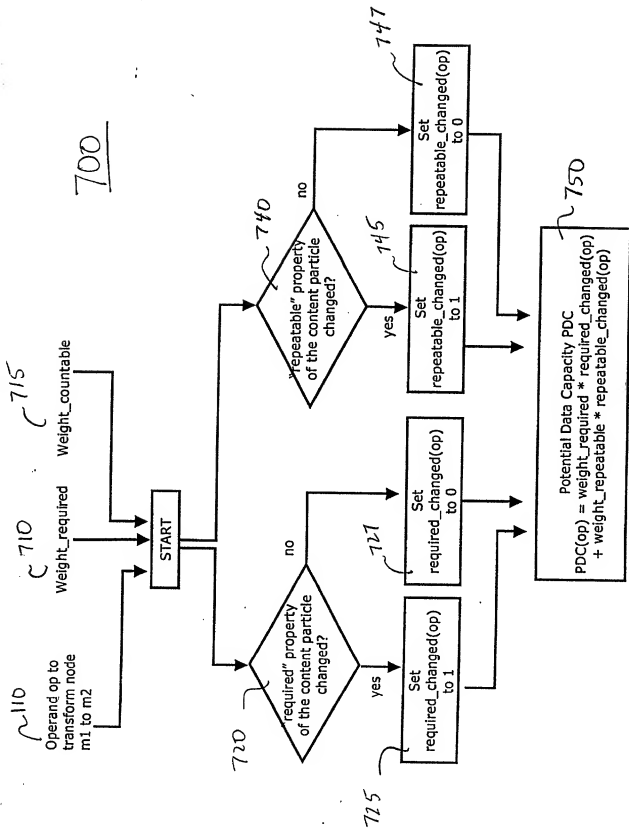


Fig. 5c







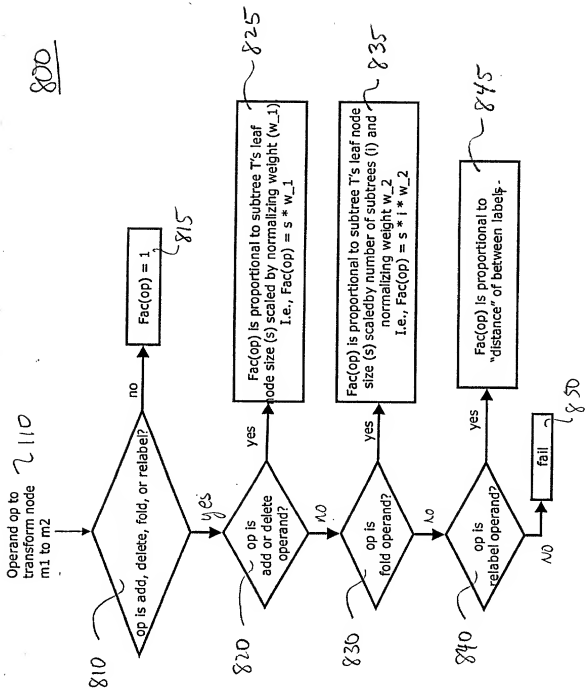


Fig. 8

900

(T<sub>1</sub>) (T<sub>2</sub>)

Source Simplified Element Tree Target Simplified Element Tree

(Preprocessing) Create simplified element trees for both source and target (all repeatable content particles)

910

(Pass 1) Visit each child node, m1, of source tree sequentially and compare it with each node, m2, in matching candidate set.

920

Found m2 such that cost of transforming m1 to m2 low enough?

930

yes

no

Add node m1 to set of unmatched nodes from source tree

940

(Pass 2) Visit each unmatched node m1 of source tree sequentially and compare it with each node m2 in matching candidate set,

950

960

Found m2 such that cost of transforming m1 to m2 low enough?

yes

NO

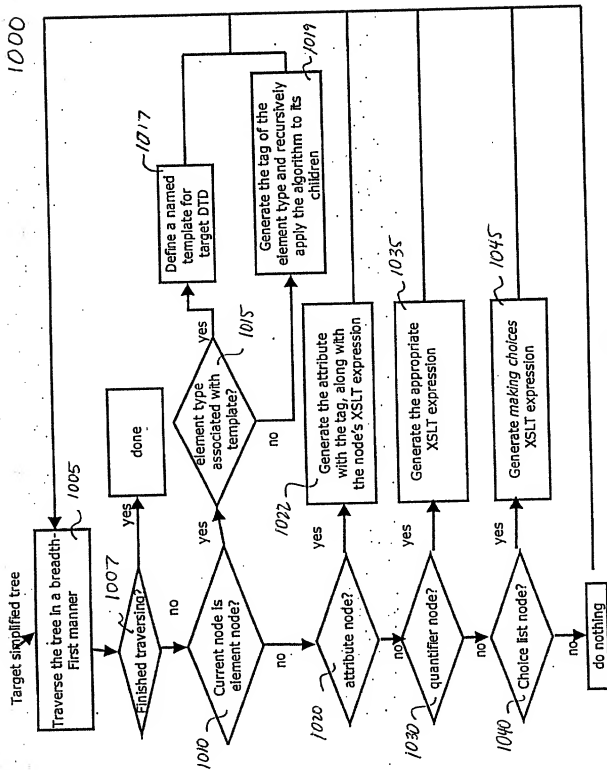
FAIL & find match for m1,

980

970

Add pair <m1, m2> to set of pairs of matching nodes

Fig. 9



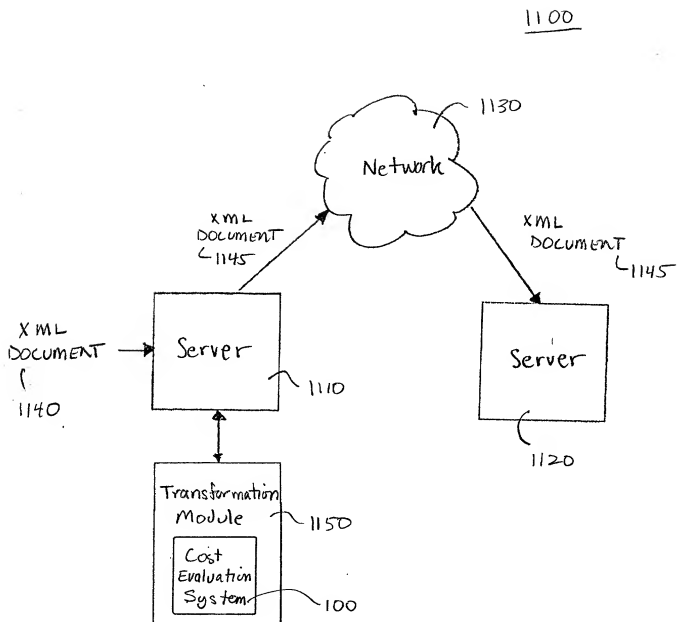


Fig. 11

1200

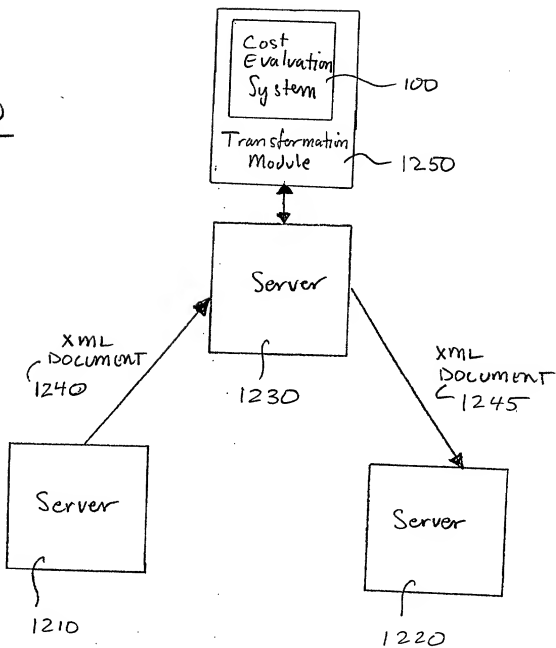


Figure 12